

August 30, 2011

Ray T. Orvin
Renewable Water Resources – Grove Creek WWTP
561 Mauldin Road
Greenville, SC 29607

Re: Coverage to Operate Under the Terms and Conditions of the General Conditional Major Operating Permit for Fuel Combustion Operations

Dear Mr. Orvin:

Enclosed is the General Conditional Major Operating Permit for Fuel Combustion Operations that became effective on April 01, 2011. The federally enforceable emissions limitations and operational requirements contained within this General Conditional Major Operating Permit are designed to restrict this facility's potential to emit to below major source thresholds. This renewed General Conditional Major Operating Permit will be valid through March 31, 2021. Your facility's coverage under the terms and conditions of this permit shall be effective on August 30, 2011.

Reports required under the terms and conditions of this renewed Conditional Major Operating Permit must be completed and submitted in a timely manner in accordance with the periodic reporting schedule found in Part 4.B of this permit. The Department has developed an Excel spreadsheet that may help you in maintaining "Fuel Usage Records for General Conditional Major Operating Permit Reporting," which can be found at the following web site address:

http://www.scdhec.gov/environment/baq/docs/permitting/GPermitApps/Fuel_Record_Reporting_Worksheet.xls

It is important for you and/or an authorized representative responsible for the overall operation of this facility to read this issued permit carefully and to understand all requirements. If any errors or omissions are discovered, please notify Alyson M. Hayes of my staff, via e-mail at hayesam@dhec.sc.gov, or call 803-898-3836 immediately.

Pursuant to the South Carolina Administrative Procedures Act, any Department decision involving the issuance, denial, suspension, or revocation of a permit or certification may be appealed by the applicant, permittee, licensee, or affected person. Please see the enclosed "Notice of Appeal Procedure" for guidelines on filing an appeal.

Sincerely,



Elizabeth J. Basil
Director, Engineering Services Division
Bureau of Air Quality

EJB:amh:el

Enclosure

cc: Bill Williamson, Region 2, Greenville EQC Office
Permit File: 1200-0498

ATTACHMENT A

Facility Information

Renewable Water Resources – Grove Creek

GCM-1200-0498

Page 1 of 2

GENERAL INFORMATION

A - APPLICABLE PERMIT DATES

ISSUED DATE: March 30, 2011
EFFECTIVE COVERAGE DATE: April 01, 2011
EXPIRATION DATE: March 31, 2021

B - FACILITY INFORMATION

FEDERAL EMPLOYER IDENTIFICATION NO.: 57-6000546
SIC CODE(S): 4952
NAICS CODE(S): 221320
EPA (AIRS) FACILITY ID NUMBER: 4504500498

C - FACILITY PHYSICAL ADDRESS

FACILITY STREET ADDRESS: 250 Owens Road
CITY, STATE, ZIP FACILITY IS LOCATED IN: Piedmont, South Carolina
COUNTY FACILITY IS LOCATED IN: Greenville

RECORD OF REVISIONS FOR GCM-1200-0498		
Revision Number	Final Revision Date	Description of Change

Send copies of all revisions to Permit File, Regional EQC Office, and Facility Environmental Contact.

ATTACHMENT A

Facility Information

Renewable Water Resources – Grove Creek

GCM-1200-0498

Page 2 of 2

D - EQUIPMENT INSTALLED

Equipment ID	Equipment Description	Fuels Used	Installation Date	Modification Date	Emission Point ID
Generator 1	600 kW Caterpillar Generator used for emergency and non-emergency (PowerShare Program)	Diesel ($\leq 0.0015\%$ sulfur)	2008	None	G3
Generator 2	450 kW Caterpillar Generator used for emergency and non-emergency (PowerShare Program)	Diesel ($\leq 0.0015\%$ sulfur)	Moved to site in 2003	None	G2
Generator 3	400 kW Kato Generator used for emergency and non-emergency (PowerShare Program)	Diesel ($\leq 0.0015\%$ sulfur)	Moved to site prior to 2006	None	G1

E - EXEMPT SOURCES

Equipment ID	Equipment Description	Installation Date	Basis
N/A	250 gallon Diesel Fuel Storage Tank	Unknown	S.C. Regulation 61-62.1, Section II(B)(2)(h)
N/A	250 gallon Diesel Fuel Storage Tank	Unknown	S.C. Regulation 61-62.1, Section II(B)(2)(h)
N/A	1,70 gallon Diesel Fuel Storage Tank	Unknown	S.C. Regulation 61-62.1, Section II(B)(2)(h)

F - CONDITIONS

Condition Number	Equipment/ Control Device ID	Regulated Pollutant/ Standard	Conditions
F.1	Generator 3	NO _x	Generator 3 is limited to operating a maximum of 500 hours per month. The owner/operator must record the actual operating hours and submit reports of the recorded hours of operation as outlined in the General Conditional Major Operating Permit for Fuel Combustion Operations.
F.2	All Sources	NO _x	The generators are limited to operating a maximum of 2100 hours per year per generator. The owner/operator must record the actual operating hours and submit reports of the recorded hours of operation as outlined in the General Conditional Major Operating Permit for Fuel Combustion Operations.

ATTACHMENT B

Modeled Emission Rates

Renewable Water Resources – Grove Creek

GCM-1200-0498

Page 1 OF 1

The emission rates listed herein are not considered federally enforceable limitations but are used to evaluate ambient air quality impact. Until the Department makes a determination that a facility is causing or contributing to an exceedance of a state or federal ambient air quality standard, increases to these emission rates are not in themselves considered violations of these ambient air quality standards.

AMBIENT AIR QUALITY STANDARDS - STANDARD NO. 2					
Emission Point ID	Modeled Emission Rates (lbs/hr)				
	PM	PM ₁₀	PM _{2.5}	SO ₂	NO _x
G3	---	---	---	---	3.086
G2	---	---	---	---	3.472
G1	---	---	---	---	4.629

AMBIENT AIR QUALITY STANDARDS - STANDARD NO. 2				
Emission Point ID	Modeled Emission Rates (lbs/hr)			
	CO	Lead	HF	NO ₂
G3	---	---	---	---
G2	---	---	---	---
G1	---	---	---	---

CLASS II PREVENTION OF SIGNIFICANT DETERIORATION - STANDARD NO. 7				
Emission Point ID	Modeled Emission Rates (lbs/hr)			
	PM _{2.5}	PM ₁₀	SO ₂	NO _x
G3	---	---	---	3.086
G2	---	---	---	3.472
G1	---	---	---	4.629